| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|------------------------------|---------------------|---------|------------------|
| S1 | 9 | jarverud.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 16:32 |
| S2 | 1 | "20020002389" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 15:42 |
| S3 | 76 | "6473640", "5282840" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:11 |
| S4 | 36 | "5735286", "4905696", "4905705" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:10 |
| S5 | 847 | 128/920,922,923.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:12 |
| S6 | 2183 | 600/481,483,508,547.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:24 |
| S 7 | 674 | 600/515,526.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:19 |
| S8 | 1406 | (S5 or S6 or S7) and \$impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:29 |
| S9 | 936 | S8 and (ischemi\$2 or heart or \$5cardi\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:26 |
| S10 | 112 | S9 and notch | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:38 |
| S11 | 200 | S9 and ischemi\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:28 |
| S12 | 197 | S11 and (detect\$3 or pattern or compare or monitor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:29 |
| S13 | 169 | S12 not S10 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 09:38 |
| S14 | 3 | ((S5 or S6 or S7) and (\$impedance and ischemi\$)) not (S10 or S13) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 10:34 |

| S15 | 109 | (\$3impedance near (measur\$3 or monitor\$3)) and ((notch or ECG or EKG) near (detect\$3 or identif\$4 or find\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 15:49 |
|-----|------|---|------------------------------|----|----|------------------|
| S16 | 3 | S15 and ((pattern or shape or display) near (compar\$3 or analyz\$3 or distinguish\$3 or contrast\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 11:24 |
| S17 | 3 | "6829503" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 15:11 |
| S18 | 91 | (\$3impedance near (measur\$3 or monitor\$3)) and ((notch or (rapid near inflect\$4) or p\$wave) near (detect\$3 or identif\$4 or find\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 15:50 |
| S19 | 109 | (\$3impedance near (measur\$3 or monitor\$3)) and ((notch or ECG or EKG) near (detect\$3 or identif\$4 or find\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 15:50 |
| S20 | 79 | S18 not S19 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01:17:13 |
| S21 | 17 | impedance near plateau | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 13:28 |
| S22 | 20 | (loop near3 generat\$3) and (impedance near3 (monitor\$4 or measur\$4)) and ((notch or variation) near3 (detect\$4 or monitor\$3)) and averag\$4 and (calculat\$4 or analy\$4) and | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:26 |
| | | compar\$5 and (derivative or differentiat\$4) | | | | |
| S23 | 848 | 128/920,922,923.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:29 |
| S24 | 2185 | 600/481,483,508,547.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:29 |
| S25 | 674 | 600/515,526.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:29 |
| S26 | 294 | (S23 or S24 or S25) and ((pattern or template) with compar\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:29 |
| S27 | 4 | S26 and (loop with generat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:31 |

| S28 | 77 | S26 and impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:31 |
|-----|-------|---|------------------------------|----|-----|------------------|
| S29 | 8 | ("4562843" "5025784" "5584298").PN. OR ("5735286"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:51 |
| S30 | 12 | ("4291699" "4535774" "4567883" "4733667").PN. OR ("4905696").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 17:58 |
| S31 | 22 | ("4379460" "4422458" "4506678" "4619265" "4781201").PN. OR ("4905705"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 18:05 |
| S32 | 101 | 128/923.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 16:32 |
| S33 | 11 | S32 and (impedance) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 16:39 |
| S34 | 13 | S32 and (pattern with recog\$7) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 16:40 |
| S35 | 26762 | impedance with (compar\$4 or pattern) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 17:21 |
| S36 | 3312 | impedance with (compar\$4 or pattern) with (stor\$4 or template or reference) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 17:25 |
| S37 | 231 | S36 and heart | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 17:22 |
| S40 | 43 | (impedance with (compar\$4 or pattern) with (stor\$4 or template or reference)) same heart | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 18:13 |
| S42 | 34 | (impedance with (compar\$4 or pattern) with (stor\$4 or template or reference)) and (ischem\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 17:54 |
| S43 | 4 | (("5178154") or ("4905705") or ("5282840") or ("6827690")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/23 18:02 |
| S46 | 27 | S40 not S42 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 18:12 |
| S50 | 402 | ((pattern or compar\$5 or template) with (impedance)) same (heart or ischemi\$3 or cardiac) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 17:35 |

| S51 | 155 | ((pattern or compar\$5 or template) with (impedance with (curve or signal))) same (heart or ischemi\$3 or cardiac) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 18:01 |
|-----|-----|---|------------------------------|----|----|------------------|
| S52 | 21 | S51 and (compar\$5 same ((shape or derivative) with impedance)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 17:42 |
| S53 | 10 | S52 and ischem\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 17:42 |
| S54 | 39 | (impedance with (compar\$4) with (stor\$4 or template or reference or pattern)) same heart | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 18:44 |
| S55 | 101 | 128/923.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 18:44 |
| S56 | 7 | S55 and ischemia | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 18:44 |